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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number		10/764,842	
		Filing Date		January 26, 2004	
		First Named Inventor		Takahiro KAWAGUCHI	
		Group Art Unit		3729	
		Examiner Name		TRINH, MINH N	
Sheet	1	of	2	Attorney Docket Number	04058/LH

U.S. PATENT DOCUMENTS

Exam. Inits ^a	Cite No ^b	Document Number	Kind Code ^c	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
MT ↓		3,804,224 5,674,014 6,682,233 2005/0201797	A A1 A1	BARNABY et al JORDAN TERAO KAWAGUCHI et al	04-16-1974 10-07-1987 01-27-2004 09-15-2005	

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Exam. Inits ^a	Cite No ^b	Off ^c	Document Number ^d	Kind Code ^e	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ^f

Examiner Signature	/Minh Trinh/	Date Considered	05/03/2006
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DATE MAILED: February 17, 2006

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PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Substitute for Form 1449A/PTO				Application Number	10/764,642
				Filing Date	January 26, 2004
				First Named Inventor	Takahiro KAWAGUCHI
				Group Art Unit	3729
				Examiner Name	TRINH, MINH N
Sheet	2	of	2	Attorney Docket Number	04056/LH
OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published			
MT ↓		Related U.S. Patent Application Serial No. 11/248,639, filed October 7, 2005; Inventor: T. Kawaguchi. Related U.S. Patent Application Serial No. 11/301,412, filed December 13, 2005; Inventor: T. Kawaguchi.			
Examiner Signature		/Minh Trinh/	Date Considered	05/03/2006	

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number		10/764,642	
		Filing Date		January 26, 2004	
		First Named Inventor		Takahiro KAWAGUCHI	
		Group Art Unit		3729	
		Examiner Name			
Sheet	1	of.	1	Attorney Docket Number	04056/LH

U.S. PATENT DOCUMENTS

Exam. Initia ¹	Cite No ²	Document Number	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
MT		5,137,377	A	ITO et al	08-11-1992	
		5,205,659	A	GUGEL et al	04-27-1993	
		5,290,112	A	STEMPFLE et al	03-01-1994	
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		2005/0201799	Al	TSUCHIYA et al	09-15-2005	

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Exam. Tols ¹	Cite No ²	Offc	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD- YYYY	Relevant Portion	T ⁶

Examiner Signature	/Minh Trinh/	Date Considered	05/16/2006
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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number		10/764,642	
		Filing Date		January 26, 2004	
		First Named Inventor		Takahiro KAWAGUCHI	
		Group Art Unit		3729	
		Examiner Name		Minh Trinh	
Sheet	1	of	2	Attorney Docket Number	04056/LH

U.S. PATENT DOCUMENTS

Exam. Initia ^s	Cite No ^t	Document Number ^u	Kind Code ^v	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
MT ↓		5,074,687 6,848,843 4,881,832	B1	GUGEL KAWAGUCHI MITSUISHI et al	12-24-1991 02-01-2005 11-21-1989	

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Exam. Initia ^s	Cite No ^t	Offc ^r	Document Number ^u	Kind Code ^v	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ^e
MT ↓		JP	4-002639	A	DENKI KAGAKU KOGYO KK	01-07-1992		X*
		JP	4-31061	A	SEIKO EPSON CORP	02-03-1992		X*

*English language
Abstract only.

Examiner Signature	/Minh Trinh/	Date Considered	05/02/2006
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DATE MAILED: May 18, 2005

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/764,642
				Filing Date	January 26, 2004
				First Named Inventor	Takahiro KAWAGUCHI
				Group Art Unit	3729
				Examiner Name	Minh Trinh
Sheet	2	of	2	Attorney Docket Number	04056/LH
NON PATENT LITERATURE DOCUMENTS					
Exam. Incls.	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁶
MT		Serial No. 11/073,118, Inventor: KAWAGUCHI et al., Filing date: March 3, 2005			
		Serial No. 11/073,117, Inventor: TSUCHIYA et al., Filing date: March 3, 2005			
		Serial No. 11/073,092, Inventor: KAWAGUCHI et al., Filing date: March 3, 2005			
↓		Serial No. 11/073,093, Inventor: KAWAGUCHI et al., Filing date: March 3, 2005			
Examiner Signature	/Minh Trinh/			Date Considered	05/02/2006

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/764,642
		Filing Date	January 26, 2004
		First Named Inventor	Takahiro KAWAGUCHI
		Group Art Unit	3729
		Examiner Name	Minh Trinh
Sheet	1	Attorney Docket Number	04056/LH

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Exam. Inits*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
MT		6,698,956	B1	TERAO et al	03-02-2004	
		4,988,223		HILKENMEIER et al	01-29-1991	
		4,993,854		SATO	02-19-1991	
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		JP	09-187972	A	OKI DATA: KK	07-22-1997		*
		JP	07-125265	A	NEC TOHOKU LTD	05-16-1995		*
		JP	10-006537		TEC CORP	01-13-1998		*
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		JP	2833001	B2	SEIKO EPSON CORP	10-02-1998		**
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		JP	6-227000	A	SEIKOSHA CO LTD	08-16-1994		**
		JP	11-291524	A	SEIKO EPSON CORP	10-26-1999		
		JP	11-78075	A	SEIKO EPSON CORP	03-23-1999		

*English language
Abstract only.

Examiner Signature	/Minh Trinh/	Date Considered	05/02/2006
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>SEP 30 2004</i> <small>PATENT & TRADEMARK OFFICE</small>		Application Number	10/764,642	
		Filing Date	January 26, 2004	
		First Named Inventor	Takahiro KAWAGUCHI	
		Group Art Unit		
		Examiner Name	Minh Trinh	
Sheet	1	of 1	Attorney Docket Number	04056/LH

U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam. Inits*	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
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MT		JP	7-22994	B2	BROTHER IND. LTD.	03-15-1995	*	
MT		JP	9-314868	A	NEC DATA TERMINAL LTD.	12-09-1997	*	

*English language
Abstract only.

Examiner Signature	/Minh Trinh/	Date Considered	05/03/2006
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number		10/764,642	
		Filing Date		January 26, 2004	
		First Named Inventor		Takahiro KAWAGUCHI	
		Group Art Unit		3729	
		Examiner Name		Minh Trinh	
Sheet	2	of	3	Attorney Docket Number	04056/LH

U. S. PATENT DOCUMENTS

Exam. Initis*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam Initis*	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
MT ↓		JP	3-288660	A	SEIKO EPSON CORP	12-18-1991		*
		JP	3-39256	A	NEC CORP	02-20-1991		x*
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		JP	6-218954	A	SEIKO EPSON CORP	08-09-1994		*
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*English language
Abstract only.

Examiner Signature	/Minh Trinh/	Date Considered	05/02/2006
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DATE MAILED: December 10, 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/764,642	
		Filing Date	January 26, 2004	
		First Named Inventor	Takahiro KAWAGUCHI	
		Group Art Unit	3729	
		Examiner Name	Minh Trinh	
Sheet	3	of	3	Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS

Exam Inits	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
MT		Serial No.:10/655,894, Inventor: KAWAGUCHI,T., Filing date: September 04, 2003	
		Serial No. 10/655,281, Inventor: KAWAGUCHI,T., Filing date: September 3, 2004	
		Serial No. 10/940,361, Inventor: KAWAGUCHI, T. et al., Filing date: September 14, 2004	
		Serial No. 10/940,362, Inventor: KAWAGUCHI, T. et al., Filing date: September 14, 2004	
		Serial No. 10/940,492, Inventor: TSUCHIYA , K. et al., Filing date: September 14, 2004	
↓		Serial No. 10/940,432, Inventor: KAWAGUCHI, T. Filing date: September 14, 2004	
		Serial No. 10/940,338, Inventor: KAWAGUCHI, T. et al., Filing date: September 14, 2004	
Examiner Signature	/Minh Trinh/	Date Considered	05/02/2006

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